

Converting Colors

XYZ(57.0024, 59.9087, 64.2113)

Have a look what the booklet for
XYZ(57.0024, 59.9087, 64.2113)
contains.

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Color

**XYZ(56.9184, 59.8135,
64.4224)**

Conversions

Conversions Part 1

Format	Color
Hex	CCCBCA
RGB	204, 203, 202
RGB Percent	80%, 80%, 79%
CMY	0.2000, 0.2039, 0.2078
CMYK	0.00, 0.00, 0.01, 0.20
HSL	30°, 2%, 80%
HSV	30°, 1%, 80%
XYZ	56.9184, 59.8135, 64.4224
YIQ	203.1850, 0.9170, -0.0990

Conversions

Conversions Part 2

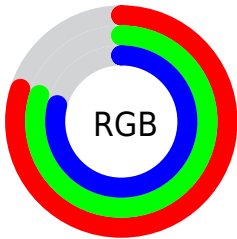
Format	Color
R_{YB}	204, 204, 202
Decimal	13421514
CIE _{Lab}	81.74, 0.17, 0.61
CIE _{LCh}	82, 0.632, 74.719
Yxy	59.8135, 0.3142, 0.3302
Android (android.graphics.Color)	4291611594 (0xFFCCBCA)
YUV	203.1850, -0.5842, 0.7148
Hunter-Lab	77.3392, -3.9751, 4.7497

Details

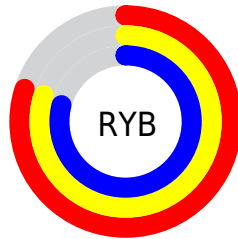
The XYZ color **56.9184, 59.8135, 64.4224** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **56.6121, 59.6272, 65.6528**, and the grayscale version is **56.8855, 59.8480, 65.1745**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **28.6704, 30.1170, 32.3191** is the 20% darker color. If you saturate the color by 10%, you get **52.3396, 54.2687, 51.7566**, and if you desaturate by 10%, it is **61.9773, 65.8059, 78.8251**.

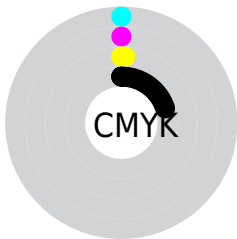
Distribution



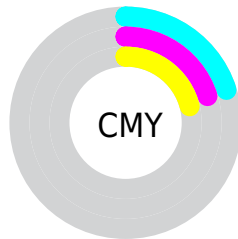
- Red (80%)
- Green (80%)
- Blue (79%)



- Red (80%)
- Yellow (80%)
- Blue (79%)



- Cyan (0%)
- Magenta (0%)
- Yellow (1%)
- Black (20%)



- Cyan (20%)
- Magenta (20%)
- Yellow (21%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 56.9184, 59.8135, 64.4224 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the XYZ color 56.9184, 59.8135, 64.4224 by changing the saturation by 10% instead.

■ 56.9184, 59.8135,
64.4224

■ 56.9184, 59.8135,
64.4224

403.1626,
423.9100, 458.9627

■ 41.1796, 43.2683,
46.5445

99.4782, 104.5591,
112.8243

■ 28.6477, 30.0957,
32.3240

127.0298,
133.5283, 144.1855

■ 18.9574, 19.9112,
21.3422

159.2499,
167.4076, 180.8781

■ 11.7434, 12.3305,
13.1807

196.5036,
206.5815, 223.3208

■ 6.6401, 6.9692,
7.4209

239.1564,
251.4342, 271.9321

■ 3.2824, 3.4429,
3.6443

287.5736,

■ 1.3048, 1.3671,

302.3503, 327.1304

1.4323

342.1205,
359.7141, 389.3345

■ 0.1868, 0.1923,
0.1667

■ 0.0000, 0.0000,
0.0000

■ 56.9184, 59.8135,
64.4224

■ 56.9184, 59.8135,
64.4224

■ 52.3396, 54.2687,
51.7566

■ 61.9773, 65.8059,
78.8251

■ 48.2204, 49.1528,
40.7573

■ 67.5259, 72.2486,
95.0235

■ 44.5462, 44.4570,
31.3550

■ 72.2308, 78.6148,
105.9749

■ 41.2996, 40.1691,
23.4739

■ 75.1992, 84.5518,
106.9644

■ 38.4618, 36.2764,
17.0317

■ 78.3363, 90.8258,
108.0101

■ 36.0127, 32.7655,
11.9386

■ 78.7121, 91.5775,
108.1354

■ 33.9299, 29.6217,
8.0943

■ 32.1883, 26.8291,
5.3842

■ 30.7583, 24.3699,
3.6723

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



57.0329, 59.8135, 64.6125



56.9184, 59.8135, 64.4224



56.7860, 59.8135, 64.4206

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



56.9184, 59.8135, 64.4224



56.6038, 59.8135, 65.3131



57.0312, 59.8135, 65.6488

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



56.9184, 59.8135, 64.4224



56.6121, 59.6272, 65.6528

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



56.9160, 59.8135, 65.8381



56.9184, 59.8135, 64.4224



56.6693, 59.8135, 65.6437

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



56.9184, 59.8135, 64.4224



56.6045, 59.8135, 64.9338



56.7835, 59.8135, 65.8362



57.0981, 59.8135, 65.3201

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



56.9184, 59.8135, 64.4224



56.7053, 59.8135, 64.5263



56.7835, 59.8135, 65.8362



56.9968, 59.8135, 65.7309

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



56.9201, 59.8161, 64.4237

95.0500, 100.0000, 108.9000



56.8027, 59.3911, 64.9705



20.3446, 21.4041, 23.3091



0.0000, 0.0000, 0.0000

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



56.9201, 59.8161, 64.4237



94.2382, 99.0290, 106.6174



57.1561, 60.2881, 64.5024



12.5291, 13.1671, 14.1879



18.7805, 14.2939, 1.7692



1.0448, 0.8892, 0.1166

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



56.6121, 59.6272, 65.6528



93.7112, 98.7058, 108.7208



56.3776, 59.1582, 65.5747



12.4641, 13.1273, 14.4473



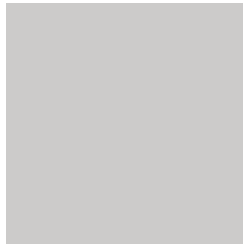
9.9205, 8.8651, 37.1445



0.5877, 0.6092, 1.9415

Previews

White Background



This preview shows how the XYZ color 56.9184, 59.8135, 64.4224 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the XYZ color 56.9184, 59.8135, 64.4224 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

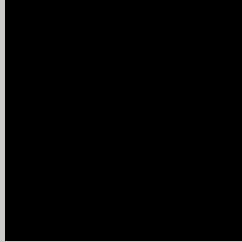
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

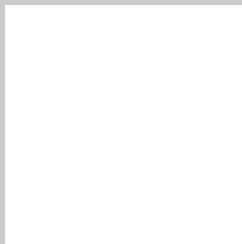
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 56.9184, 59.8135, 64.4224

Background



This preview shows how black text looks on a background with the XYZ color 56.9184, 59.8135, 64.4224.



This preview shows how white text looks on a background with the XYZ color 56.9184, 59.8135,

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

56.9184, 59.8135, 64.4224

Protanopia

57.3953, 59.7235, 63.7611

Deuteranopia

60.8699, 59.7739, 64.8292



Tritanopia

58.8646, 59.9049, 74.1059

Trichromacy



Original Color

56.9184, 59.8135, 64.4224

Protanomaly

57.1167, 59.5799, 63.7480

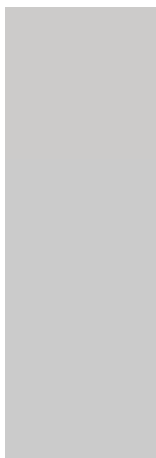
Deuteranomaly

59.2272, 59.6057, 64.8834

Tritanomaly

58.1810, 59.9737, 70.7970

Monochromacy



Original Color

56.9184, 59.8135, 64.4224

Achromatopsia

56.7640, 59.7202, 65.0353

Achromatomaly

56.7640, 59.7202, 65.0353

CSS Examples

Text

The CSS property to change the color of the text to XYZ 56.9184, 59.8135, 64.4224 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color rgb(204, 203, 202) looks like.

```
.text, #text, p{  
    color:rgb(204, 203, 202)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(204, 203, 202) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(204, 203, 202) }
```

Border

The CSS property to change the border of an element to XYZ 56.9184, 59.8135, 64.4224 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(204, 203, 202) }
```

If only the border color should be changed use the property border-color.

```
.border{ border-color:rgb(204, 203, 202) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel rgb(204, 203, 202) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(204, 203, 202); -webkit-box-  
shadow:4px 4px 4px 4px rgb(204, 203, 202);  
box-shadow:4px 4px 4px 4px rgb(204, 203,  
202) }
```


Background

The CSS property to change the background color of an element to XYZ 56.9184, 59.8135, 64.4224 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(204, 203, 202) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(204,  
203, 202) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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